

INFORMATION DISCLOSURE STATEMENT

Applicant : Peter T. McCarthy
App. No. : Unknown 10/623,187
Filed : July 18, 2003
For : HIGH DEFLECTION HYDROFOILS AND
SWIM FINS
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 188 references, 45 of which are enclosed. Because this application was filed after June 30, 2003, no copies of the cited U.S. Patent documents need be submitted.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/14/03

By: Mark Kertz
Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404



PATENT

Case Docket No. NATURES.025A
Date: October 14, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Peter T. McCarthy
Appl. No. :	Unknown
Filed :	July 18, 2003
For :	HIGH DEFLECTION HYDROFOILS AND SWIM FINS
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I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 14, 2003

(Date)

Mark Kertz

Mark J. Kertz, Reg. No. 43,711

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 188 references, 45 of which are enclosed.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

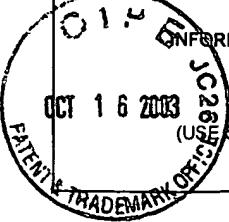
Mark Kertz
Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404

 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. NATURES.025A	APPLICATION NO. Unknown
	APPLICANT Peter T. McCarthy	
	FILING DATE July 18, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1		5,384	12/4/1847	R.A. Tilghman			
2		144,538	11/11/1873	Harsen			
3		169,396	11/2/1875	O.G. Ahlstrom			
4		234,305	05/28/25	Bovey			
5		476,092	12/01/37	Valente			
6		783,012	02/21/05	Biedermann et al.			
7		787,291	unknown	Michiels			
8		871,059	11/12/07	Douse			
9		983,967	2/14/11	Woods			
10		998,146	07/18/11	Alfier et al.			
11		1,061,264	5/13/1913	Bys			
12		1,011,767	12/12/11	Farum			
13		1,063,805	6/3/13	Krause			
14		1,324,722	12/11/1917	William Bergin			
15		1,607,857	5/27/1926	F. Zukal			
16		1,684,714	08/12/27	Perry			
17		1,710,673	4/23/29	Bonney			
18		2,123,096	7/5/38	Charpentier			
19		2,210,642	8/6/40	Thompson			
20		2,241,305	02/27/39	Hill, Jr.			
21		2,321,009	9/27/1940	O.P. Churchill			
22		2,343,468	3/7/1944	Messinger			
23		2,423,571	07/08/47	Wilen			
24		2,576,981	12/4/51	Vogt			
25		2,588,363	03/11/52	Corlieu			
26		2,846,165	8/5/58	Axelson			
27		2,850,487	9/2/1958	Gaelano F. D'Alelio			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
28	2,865,033	12/23/1958	D.L. Jayet			
29	2,889,563	6/9/1959	E.W. Lamb, et. al.			
30	2,903,719	9/15/1959	J.L. Wozencraft			
31	2,950,487	08/30/60	Woods			
32	3,019,458	2/6/1962	E. De Barbieri, et. al.			
33	3,055,025	9/25/1962	L. Ferraro, et. al.			
34	3,082,442	3/26/1963	Cousteau, et al.			
35	3,084,355	04/09/63	Ciccotelli			
36	3,086,492	04/23/63	Holley			
37	3,109,495	11/5/63	Lang			
38	3,112,503	12/3/1963	B.B. Girden			
39	3,171,142	3/2/1965	Auzols			
40	3,239,857	3/15/1966	Frederick H. Gwynne			
41	3,256,540	6/21/1966	Novelli			
42	3,369,775	2/20/68	Rethorst			
43	3,411,165	11/19/68	Murdoch			
44	3,411,738	11/19/68	Sargent			
45	3,422,470	01/21/69	Mares			
46	3,453,981	07/08/69	Gause			
47	3,480,234	11/25/69	Cornish III			
48	3,491,997	01/27/70	Winters			
49	3,596,854	8/3/71	Haney, Jr.			
50	3,665,535	5/30/1972	Picken			
51	3,776,363	12/4/73	Kuethe			
52	3,773,011	11/20/73	Gronier			
53	3,776,363	12/4/73	Kuethe			
54	3,810,269	5/14/74	Tabata			

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O P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUL 16 2003 C26 (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE July 18, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	55	3,904,151	9/9/75	Rethorst			
	56	3,922,741	12/02/75	Semeia			
	57	3,934,290	01/27/76	Le Vasseur			
	58	3,952,351	04/27/76	Gisbert			
	59	4,007,506	2/15/1977	Rasmussen			
	60	4,025,977	5/31/1977	Cronin			
	61	4,083,071	04/11/78	Forjot			
	62	4,108,403	8/22/78	Finch			
	63	4,193,371	03/18/80	Baulard-Caugan			
	64	4,197,869	04/15/80	Moncrieff-Yeates			
	65	4,209,866	7/1/1980	Loeffler			
	66	4,293,110	10/6/81	Middleton et al.			
	67	4,323,209	4/6/82	Thompson			
	68	4,342,558	08/03/82	Wilson			
	69	4,382,569	5/10/83	Boppe et al.			
	70	4,444,367	4/24/84	Spillman			
	71	4,521,220	06/04/85	Schoofs			
	72	4,541,810	09/17/85	Wenzel			
	73	4,657,515	4/14/1987	Ciccotelli			
	74	4,689,029	8/25/1987	Ciccotelli			
	75	4,705,240	10/10/87	Dixon			
	76	4,722,499	2/2/88	Klug			
	77	4,738,645	04/19/88	Garofalo			
	78	4,752,259	6/21/1988	Tackett, et. al.			
	79	4,773,885	9/27/1988	Ciccotelli			
	80	4,775,343	10/4/1988	Lamont, et. al.			
	81	4,776,535	10/11/88	Paterson et al.			

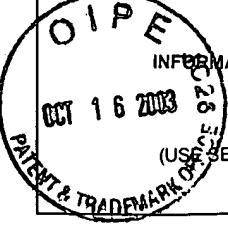
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FORM PTO-1449 <i>O I P E</i> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>OCT 16 2003</i> <i>51</i> (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.025A	APPLICATION NO. Unknown
		APPLICANT Peter T. McCarthy	
		FILING DATE July 18, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
82	4,776,542	10/11/88	Van Dam			
83	4,781,637	11/01/88	Caires			
84	4,820,218	04/11/89	Van de Pol			
85	4,857,024	08/15/89	Evans			
86	4,869,696	9/26/1989	Ciccotelli			
87	4,895,537	1/23/1990	Ciccotelli			
88	4,929,206	5/29/1990	Evans			
89	4,934,971	06/19/90	Picken			
90	4,940,437	07/10/90	Piatt			
91	4,944,703	07/31/90	Mosier			
92	4,949,919	8/11/90	Wajnikonis			
93	4,954,111	09/04/90	Cressi			
94	4,954,112	09/04/90	Negrini et al.			
95	4,975,022	12/4/90	Perry			
96	5,058,837	10/22/91	Wheeler			
97	5,074,234	12/24/91	Stearns, IV			
98	5,150,859	9/29/92	Ransick			
99	5,163,859	11/17/92	Beltrani, et al.			
100	5,304,081	4/19/1994	Takizawa			
101	5,324,219	06/28/94	Beltrani et al.			
102	5,356,323	10/18/94	Evans			
103	5,356,094	10/18/94	Sylvain			
104	5,358,439	10/25/94	Paolo			
105	5,366,177	11/22/94	DeCoux			
106	5,374,210	12/20/94	Sardella			
107	5,387,145	2/7/1995	Wagner			
108	5,417,599	05/23/95	Evans			

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109	5,429,536	7/4/1995	Evans			
110	5,435,764	7/25/1995	Testa, et. al.			
111	5,443,593	8/22/1995	Garofalo			
112	5,522,748	6/4/1996	Cressi			
113	5,527,197	6/18/1996	Evans			
114	5,533,918	7/9/1996	Sanders			
115	5,595,518	1/21/1997	Ours			
116	5,597,336	1/28/1997	Evans			
117	5,634,613	6/3/97	McCarthy			
118	5,746,631	5/5/1998	McCarthy			
119	5,810,629	9/22/1998	Parr			
120	6,050,868	4/18/00	McCarthy			
121	6,053,788	4/25/00	Garofalo			
122	6,095,879	8/2000	McCarthy			
123	6,126,503	10/3/00	Viale, et al.			
124	6,146,224	11/14/00	McCarthy			
125	6,290,561 B1	9/18/01	Garofalo et al.			
126	6,364,728 B1	4/2/02	Viale et al.			
127	6,371,821	4/16/02	McCarthy			
128	6,413,133 B1	7/2/02	McCarthy			
129	6,482,059 B2	11/19/02	McCarthy			
130	6,497,597	12/24/02	McCarthy			
131	6,585,548	7/1/03	McCarthy			
132	6,607,411	8/19/03	McCarthy			
133	Des. 278,165	3/26/1985	Evans			
134	Des. 302,999	8/22/1989	McCredie			
135	Des. 327,933	7/14/1992	Evans			

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136	Des. 327,934	7/14/1992	Evans			
137	Des. 327,935	7/14/1992	Evans			
138	Des. 328,118	7/21/1992	Evans			
139	Des. 340,272	10/12/1993	Evans			
140	Des. 353,181	12/6/1994	Evans			
141	Des. 393,684	4/21/1998	Lin			
142	Des. 396,897	8/11/1998	Evans			
143	Des. 404,456	1/19/1999	Evans			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
144	1501208	Nov 1967	France				
145	509764	2/1930	Germany				
146	DD 259 353 A	08/24/88	Germany				
147	FR 2574 748 A	06/20/86	France				
148	JP62 134395	06/17/87	Japan				
149	SU 1323 463 A	03/13/86	Soviet Union				
150	0 308 998	03/29/89	Europe				
151	DE 3438808	04/24/86	Germany				
152	2 058 941	1971	France				
153	2 213 072	1974	France				
154	625377	09/19/61	Italy				
155	625377	09/19/61	ITALY (with Certified Translation)			X	
156	1,245,395	1960	France				
157	1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
158	17,033	1890	England				

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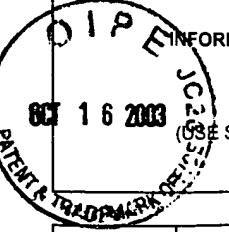
OCT 16 2003 C28 PATENT & TRADEMARK OFFICE O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		ATTY. DOCKET NO. NATURES.025A	APPLICATION NO. Unknown
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FOREIGN PATENT DOCUMENTS

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						YES	NO
159	787,291	1935	France				
160	553307	1956	Italy				
161	61-6097	1986	Japan				
162	1,075 997	1960	Germany				
163	1,075 997	1960	Germany (with Certified Translation)			X	
164	1284765	1972	Great Britain				
165	2 543 841	1983	France				
166	2 543 841	1983	French Republic (certified translation)			X	
167	234305	5/28/1925	Great Britain				
168	2,490,498	3/26/82	France				
169	1,208,636	1959	France				
170	SU 1239302 A1	6/23/86	Soviet Union				
171	0 482 932 A1	4/29/92	Europe				
172	0 768 392 A2	10/9/96	Europe				
173	768392	1/1934	France				
174	0 509 764 A1	4/14/92	Europe				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
175	Rossier, Robert N., entitled, " Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
176	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
177	"3302 of 1880" (Picture From Book-Found in US PTO)
178	"Test Dive" Article in Jan/Feb 1996 issue of Sport Diver Magazine
179	"Oceanic V-Drive Fins" in May/Jun. 1996 Issue of Sport Diver Magazine
180	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" Journal of Aircraft Vol. 30, No. 4, pp. 555-559
181	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" Journal of Aircraft Vol. 30, No. 4, pp. 557-559
182	Grantz and Marchman III " Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", Journal of Aircraft Vol. 20, No. 2, pp. 165-169
183	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" Journal of Aircraft, Vol. 20, No. 12, pp. 1062-1067

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
184	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, Aerospace America.
185	"BZ" bodysurfing fin (Picture), 1 st production in 1990
186	"Blade Pro" bodysurfing fin (Picture), 1 st production 1991
187	"Wave Rebel" bodysurfing fin (Picture), 1 st production 1994
188	Art. 1400 Pinna "Professional" Fin (1989)
189	
190	
191	
192	

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